

UTILITY PATENT APPLICATION TRANSMITTAL	Attorney Docket No.: SC12658HC	
	First Inventor: Ho Sang Au	
	Title: ROBUST LCD CONTROLLER	
	Express Mail Label No.: EV 322112537 US	

15535 U.S. PTO
 10/613898

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS (see MPEP chapter 600 concerning utility patent application contents)	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231
--	---

1. <input checked="" type="checkbox"/> Fee Transmittal Form in duplicate (Submit an original and a duplicate for fee processing) 2. <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 3. <input checked="" type="checkbox"/> Specification Total Pages <input type="text" value="16"/> (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R&D -Reference to sequence listing, a table, -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) Total Sheets <input type="text" value="1"/> 5. Oath or Declaration a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/ divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet under 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CFR) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-4 (2 copies); ii. <input type="checkbox"/> or paper c. <input type="checkbox"/> Statements verifying identify of above copies ACCOMPANYING APPLICATION PARTS 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) <input type="checkbox"/> Power of Attorney Statement (when there is an assignee) 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> IDS <input checked="" type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) 15. <input type="checkbox"/> Certified Copy of Priority Document 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: _____ _____ _____ _____
---	--

18. IF A CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

<input type="checkbox"/> Continuation	<input type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in- Part (CIP)	Prior Appl. No. <input type="text"/>
Prior Appl. information: Examiner: <input type="text"/>		Group/Art Unit: <input type="text"/>	

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS							
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		<input type="text" value="23125"/>		or		<input type="checkbox"/> Correspondence address below	
Name	Michael P. Noonan						
Address	Motorola, Inc. - Law Department						
	7700 W. Parmer Lane						
City	Austin	State	TX	Zip Code	78729		
Country	U.S.A.	Telephone	512-996-6849	Fax	512-996-6853		
Name	Michael P. Noonan	Registration No.	42,038				
SIGNATURE				Date	JULY 3, 2003		

FEE TRANSMITTAL Patent fees are subject to annual revision		<i>Complete if Known</i>	
		Application Number	
		Filing Date	Concurrently Herewith
		First Named Inventor	Ho Sang AU
		Examiner Name	
		Group Art Unit	
TOTAL AMOUNT OF PAYMENT	(\$ 790.00)	Attorney Docket No.	SC12658HC

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																																																																																											
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:</p> <p>Deposit Account Number 50-2117</p> <p>Deposit Account Name Motorola, Inc.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee required under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 40px;"> <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other </p>	<p>3. ADDITIONAL FEES</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th></th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late Provisional filing</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td></tr> <tr><td>147</td><td>2520</td><td>147</td><td>2520</td><td>For filing a request for ex parte Reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td>1440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1510</td><td>138</td><td>1510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of IDS</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td></tr> <tr><td colspan="5">Other fee (specify) _____</td></tr> </tbody> </table>	Large Entity		Small Entity			Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	105	130	205	65	Surcharge - late filing fee or oath	127	50	227	25	Surcharge - late Provisional filing	139	130	139	130	Non-English specification	147	2520	147	2520	For filing a request for ex parte Reexamination	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	113	1840*	113	1840*	Requesting publication of SIR after Examiner action	115	110	215	55	Extension for reply within first month	116	400	216	200	Extension for reply within second month	117	920	217	460	Extension for reply within third month	118	1440	218	720	Extension for reply within fourth month	128	1960	228	980	Extension for reply within fifth month	119	320	219	160	Notice of Appeal	120	320	220	160	Filing a brief in support of an appeal	121	280	221	140	Request for oral hearing	138	1510	138	1510	Petition to institute a public use proceeding	140	110	240	55	Petition to revive - unavoidable	141	1280	241	640	Petition to revive - unintentional	142	1280	242	640	Utility issue fee (or reissue)	143	460	243	230	Design issue fee	144	620	244	310	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	50	123	50	Processing fee under 37 CFR 1.17(q)	126	180	126	180	Submission of IDS	581	40	581	40	Recording each patent assignment per property (times number of properties)	146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	179	740	279	370	Request for Continued Examination (RCE)	169	900	169	900	Request for expedited examination of a design application	Other fee (specify) _____				
Large Entity		Small Entity																																																																																																																																																										
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description																																																																																																																																																								
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																								
127	50	227	25	Surcharge - late Provisional filing																																																																																																																																																								
139	130	139	130	Non-English specification																																																																																																																																																								
147	2520	147	2520	For filing a request for ex parte Reexamination																																																																																																																																																								
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																								
113	1840*	113	1840*	Requesting publication of SIR after Examiner action																																																																																																																																																								
115	110	215	55	Extension for reply within first month																																																																																																																																																								
116	400	216	200	Extension for reply within second month																																																																																																																																																								
117	920	217	460	Extension for reply within third month																																																																																																																																																								
118	1440	218	720	Extension for reply within fourth month																																																																																																																																																								
128	1960	228	980	Extension for reply within fifth month																																																																																																																																																								
119	320	219	160	Notice of Appeal																																																																																																																																																								
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																								
121	280	221	140	Request for oral hearing																																																																																																																																																								
138	1510	138	1510	Petition to institute a public use proceeding																																																																																																																																																								
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																								
141	1280	241	640	Petition to revive - unintentional																																																																																																																																																								
142	1280	242	640	Utility issue fee (or reissue)																																																																																																																																																								
143	460	243	230	Design issue fee																																																																																																																																																								
144	620	244	310	Plant issue fee																																																																																																																																																								
122	130	122	130	Petitions to the Commissioner																																																																																																																																																								
123	50	123	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																								
126	180	126	180	Submission of IDS																																																																																																																																																								
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																								
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																								
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																								
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																								
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																								
Other fee (specify) _____																																																																																																																																																												
<p>FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td style="border: 1px solid black; text-align: center;">750</td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td style="border: 1px solid black; text-align: center;"></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td style="border: 1px solid black; text-align: center;"></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td style="border: 1px solid black; text-align: center;"></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td style="border: 1px solid black; text-align: center;"></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (1)</td><td style="border: 1px solid black; text-align: center;">(\$ 750.00)</td></tr> </tbody> </table> <p>2. EXTRA CLAIM FEES</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td>Total Claims</td> <td style="border: 1px solid black; text-align: center;">16</td> <td>Previously Paid**</td> <td style="border: 1px solid black; text-align: center;">20</td> <td>=</td> <td>Extra Claims</td> <td style="border: 1px solid black; text-align: center;">0</td> <td>X</td> <td>Fee from below</td> <td style="border: 1px solid black; text-align: center;">18</td> <td>=</td> <td>Fee Paid</td> <td style="border: 1px solid black; text-align: center;">0</td> </tr> <tr> <td>Independent Claims</td> <td style="border: 1px solid black; text-align: center;">3</td> <td></td> <td style="border: 1px solid black; text-align: center;">3</td> <td>=</td> <td></td> <td style="border: 1px solid black; text-align: center;">0</td> <td>X</td> <td></td> <td style="border: 1px solid black; text-align: center;">84</td> <td>=</td> <td></td> <td style="border: 1px solid black; text-align: center;">0</td> </tr> <tr> <td>Multiple Dependent</td> <td colspan="12" style="border: 1px solid black; text-align: center;">280 = 0</td> </tr> </table> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim, if not paid</td><td></td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td><td>* Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>*Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (2)</td><td style="border: 1px solid black; text-align: center;">(\$ 0.00)</td></tr> </tbody> </table> <p><small>**OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWANCE. *For Reissues, see above</small></p>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	740	201	370	Utility filing fee	750	106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		SUBTOTAL (1)					(\$ 750.00)	Total Claims	16	Previously Paid**	20	=	Extra Claims	0	X	Fee from below	18	=	Fee Paid	0	Independent Claims	3		3	=		0	X		84	=		0	Multiple Dependent	280 = 0												Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	84	202	42	Independent claims in excess of 3		104	280	204	140	Multiple dependent claim, if not paid		109	84	209	42	* Reissue independent claims over original patent		110	18	210	9	*Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)					(\$ 0.00)	<p>SUBMITTED BY</p> <p>Name (Print/Type) Michael P. Noonan</p> <p>Signature <i>Michael P. Noonan</i></p>																																
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																							
101	740	201	370	Utility filing fee	750																																																																																																																																																							
106	330	206	165	Design filing fee																																																																																																																																																								
107	510	207	255	Plant filing fee																																																																																																																																																								
108	740	208	370	Reissue filing fee																																																																																																																																																								
114	160	214	80	Provisional filing fee																																																																																																																																																								
SUBTOTAL (1)					(\$ 750.00)																																																																																																																																																							
Total Claims	16	Previously Paid**	20	=	Extra Claims	0	X	Fee from below	18	=	Fee Paid	0																																																																																																																																																
Independent Claims	3		3	=		0	X		84	=		0																																																																																																																																																
Multiple Dependent	280 = 0																																																																																																																																																											
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																							
103	18	203	9	Claims in excess of 20																																																																																																																																																								
102	84	202	42	Independent claims in excess of 3																																																																																																																																																								
104	280	204	140	Multiple dependent claim, if not paid																																																																																																																																																								
109	84	209	42	* Reissue independent claims over original patent																																																																																																																																																								
110	18	210	9	*Reissue claims in excess of 20 and over original patent																																																																																																																																																								
SUBTOTAL (2)					(\$ 0.00)																																																																																																																																																							
Complete (if applicable)																																																																																																																																																												
Registration No.	42,038	Telephone	552-996-6833																																																																																																																																																									
Date	JULY 3, 2003																																																																																																																																																											

SC12658HC